

CLAIM AMENDMENTS

This listing of claims will replace all prior versions, and listings, of claims in the application.

1 1. (Currently amended) A method of retrieving data from a data storage
2 media comprising:
3 [[a.]] loading a program from the data storage media into a computer
4 system, the program including at least a first routine for responding to
5 a first request type for access to the data storage media and a second
6 routine for responding to a second request type for access to the data
7 storage media;
8 [[b.]] receiving a request for access to data stored on the data storage
9 media;
10 [[c.]] determining whether the request is of the first type or the second
11 type;
12 [[d.]] calling the first routine for accessing the data when the request is of
13 the first type and calling the second routine for accessing the data when
14 the request is of the second type; and
15 [[e.]] presenting the requested data.

1 2. (Original) The method according to claim 1, wherein the first routine
2 implements a first set of operations and the second routine implements a
3 second set of operations.

1 3. (Original) The method according to claim 2, wherein the first set of
2 operations includes file system operations.

1 4. (Original) The method according to claim 3, wherein the second set of
2 operations includes standardized archival operations.

1 5. (Original) The method according to claim 4, wherein the second set of
2 operations includes operations selected from CPIO and TAR.

1 6. (Original) The method according to claim 1, wherein the first request type
2 includes a request for one or more files from a file system.

1 7. (Original) The method according to claim 1, wherein said presenting
2 includes reformatting all of the data as a file structure.

1 8. (Original) The method according to claim 6, wherein the second request
2 type includes a request for one or more logical volumes.

1 9. (Original) The method according to claim 6, wherein the second request
2 type includes a request for an image copy of the data.

1 10. (Original) The method according to claim 1, wherein the first request type
2 is by a first target system type and the second request type is by a second
3 target system type.

1 11. (Original) The method according to claim 10, wherein said presenting the
2 requested data includes formatting the data in accordance with the target
3 system type.

1 12. (Original) The method according to claim 1, wherein the program
2 includes information about the data.

1 13. (Original) The method according to claim 12, wherein the information
2 about the data includes a file system directory.

1 14. (Original) The method according to claim 1, wherein the data is stored on
2 the data storage media as raw data blocks.

1 15. (Original) An article of manufacture comprising a computer usable
2 medium having data stored thereon and having computer readable program
3 code stored thereon, the computer readable program code including a first
4 routine for accessing the data in response to a request for access to the data

5 as one or more raw data blocks and a second routine for accessing the data
6 in response to a request for access to the data as a file structure.

1 16. (Original) The article according to claim 15, wherein said first routine
2 presents a logical volume of the data.

1 17. (Original) The article according to claim 15, wherein said first routine
2 presents an image copy of the data.

1 18. (Original) The article according to claim 15, wherein the second routine
2 presents all of the data as a file structure.

1 19. (Original) The article according to claim 15, wherein the second routine
2 presents a specified file.

1 20. (Original) The article according to claim 15, wherein the program code
2 includes information about the data.

1 21. (Original) The article according to claim 20, wherein the information
2 about the data includes a file system directory.

1 22. (Original) An article of manufacture comprising a computer usable
2 medium having data stored thereon and having computer readable program
3 code stored thereon, the computer readable program code including a first
4 routine for accessing the data in response to a request from a first target
5 system type and a second routine for accessing the data in response to a
6 request from a second target system type.

1 23. (Original) The article according to claim 22, wherein said program
2 presents the requested data formatted in accordance with the target system
3 type.

1 24. (Original) The article according to claim 23, wherein the data is stored on
2 the data storage media as raw data blocks.

1 25. (New) An article of manufacture comprising a computer usable medium
2 having data stored thereon and having computer readable program code
3 stored on secondary storage associated with the computer usable medium,
4 the computer readable program code including a first routine for accessing
5 the data in response to a request of a first request type and a second routine
6 for accessing the data in response to a second request type.

1 26. (New) The article according to claim 25, wherein the secondary storage is
2 built into a cartridge for the data storage media.

In view of the above, the applicant respectfully submits that all of claims 1-24 are allowable over Szalwinski and Nguyen.

New Claims:

New claim 25 recites “[a]n article of manufacture comprising a computer usable medium having data stored thereon and having computer readable program code stored on secondary storage associated with the computer usable medium, the computer readable program code including a first routine for accessing the data in response to a request of a first request type and a second routine for accessing the data in response to a second request type.”

New claim 25 differs from the present independent claims primarily in that the secondary storage for the computer readable program code is explicitly recited. New claim 26 recites that “the secondary storage is built into a cartridge for the data storage media.” Support for these features can be found at least at page 4, lines 28-30 of the applicant’s specification. As explained above in reference to claim 1, Szalwinski and Nguyen do not suggest or disclose a “first routine” and a “second routine” that are alternatives such that, for a particular request, one of the routines is selected for accessing the data based on the type of the request. Neither Szalwinski nor Nguyen suggest or disclose a secondary storage built into a cartridge for the data storage media.

In view of the above, new claims 25 and 26 are allowable over Szalwinski and Nguyen.

Conclusion:

In view of the above, the applicants submit that all of the pending claims are now allowable. Allowance at an early date would be greatly appreciated. Should any outstanding issues remain, the examiner is encouraged to contact the undersigned at (408) 293-9000 so that any such issues can be expeditiously resolved.

Respectfully Submitted,

Dated: May 5, 2004


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